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THE EFFECTS OF JUNIOR KINDERGARTEN ON ACHIEVEMENT--THE FIRST FIVE YEARS. APPENDIX.

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TEN TABLES, EACH WITH SEVERAL SUBDIVISIONS, WERE USED TO PRESENT THE VALUES OF "T" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS (1) IN MATCH 1, (2) IN MATCH 2, (3) IN MATCH 1, ISOLATED FOR LANGUAGE, (4) IN MATCH 2, ISOLATED FOR LANGUAGE, (5) IN MATCH 1, ISOLATED FOR FATHERS' EDUCATIONS, (6) IN MATCH 2, ISOLATED FOR FATHERS' EDUCATIONS, (7) IN MATCH 1, ISOLATED FOR MOTHERS' EDUCATIONS, (8) IN MATCH 2, ISOLATED FOR MOTHERS' EDUCATIONS, (9) IN MATCH 1, ISOLATED FOR FATHERS' OCCUPATIONS, (10) IN MATCH 2, ISOLATED FOR FATHERS' OCCUPATIONS. THIS DOCUMENT IS THE APPENDIX TO PS 000 257 AND CONTAINS ONLY TABLES. (CO)

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THE EFFECTS OF JUNIOR KINDERGARTEN ON ACHIEVEMENT: THE FIRST FIVE YEARS

APPENDIX

JUDITH A. PALMER

June 1966

PS 000358

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Special Note: All tests of significance are two-tailed tests.

TABLE 1

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1

TABLE 1 (a) - RATING QUESTIONNAIRE - STAGE II

Questionnaire Subsections	(N = 547)	"t"
Language		3.924**
Social		2.915**
Mental		3.589**
Physical		4.829**
Emotional		3.621**
Language and Mental		3.933**
Total		4.341**

TABLE 1 (b) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Subsections	(N = 523)	"t"
Language		3.288**
Social		3.311**
Mental		3.608**
Physical		4.191**
Emotional		2.847**
Language and Mental		3.681**
Total		3.897**

* Significant at less than .05
** Significant at less than .01

TABLE 1

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1

TABLE 1 (c) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	(N = 469)	"t"
Language		3.046**
Social		3.487**
Mental		3.316**
Physical		2.437**
Emotional		2.652**
Language and Mental		3.268**
Total		3.354**

TABLE 1 (d) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	(N = 510)	"t"
Adjustment		2.021*
Performance		2.206*
Creativity		2.468*
Prediction		2.778**
Subtotal		2.457*
Total		2.536*

TABLE 1 (e) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	(N = 510)	"t"
Otis I. Q.		3.225**

* Significant at less than .05
** Significant at less than .01

TABLE 1

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1

TABLE 1 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T. (N = 521)	"t"
Word Knowledge	1.563
Word Discrimination	2.149*
Reading	2.741**
Arithmetic	2.524*

TABLE 1 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T. (N = 433)	"t"
Word Knowledge	1.901
Word Discrimination	1.591
Reading	1.551
Spelling	1.394
Arithmetic A	3.151**
Arithmetic B	2.439*
Arithmetic A and B	3.270**

TABLE 1 (h) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T. (N = 393)	"t"
Word Knowledge	2.491*
Word Discrimination	2.444*
Reading	2.263*
Spelling	2.085*
Language A	1.556
Language B	1.273
Language A and B	1.473
Arithmetic Comprehension	1.540
Arithmetic Problem Solving	1.967*

* Significant at less than .05
** Significant at less than .01

TABLE 2

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2

TABLE 2 (a) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Subsections	(N = 459)	"t"
Language		-.686
Social		.912
Mental		-.880
Physical		.870
Emotional		-.672
Language and Mental		-.836
Total		-.387

TABLE 2 (b) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	(N = 353)	"t"
Language		1.050
Social		2.865**
Mental		1.717
Physical		1.147
Emotional		1.578
Language and Mental		1.358
Total		1.746

* Significant at less than .05
** Significant at less than .01

TABLE 2

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2

TABLE 2 (c) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsection	(N = 354)	"t"
Adjustment		1.029
Performance		.658
Creativity		1.328
Prediction		.167
Subtotal		1.060
Total		.990

TABLE 2 (d) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	(N = 387)	"t"
Otis I. Q.		1.086

* Significant at less than .05
** Significant at less than .01

TABLE 2

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2

TABLE 2 (e) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T. (N = 430)	"t"
Word Knowledge	-3.109**
Word Discrimination	-2.162*
Reading	-1.211
Spelling	-1.160

TABLE 2 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T. (N = 360)	"t"
Word Knowledge	-2.408*
Word Discrimination	-2.919**
Reading	-2.161*
Spelling	-2.094*
Arithmetic A	- .350
Arithmetic B	.747
Arithmetic A and B	.050

TABLE 2 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T. (N = 317)	"t"
Word Knowledge	- .457
Word Discrimination	.030
Reading	- .127
Spelling	-1.284
Language A	-1.454
Language B	-1.012
Language A and B	-1.647
Arithmetic Comprehension	- .618
Arithmetic Problem Solving	- .493

* Significant at less than .05
** Significant at less than .01

TABLE 3

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR LANGUAGE

TABLE 3 (a) - RATING QUESTIONNAIRE - STAGE II

Questionnaire Subsections	English (N = 392)	English - Bilingual (N = 142)
Language	2.633**	3.357**
Social	2.782**	1.157
Mental	2.233*	3.371**
Physical	3.349**	3.651**
Emotional	2.118*	3.581**
Language and Mental	2.515*	3.632**
Total	2.890**	3.822**

TABLE 3 (b) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Subsections	English (N = 370)	English - Bilingual (N = 142)
Language	2.487*	2.673**
Social	2.723**	2.086*
Mental	3.009**	2.117*
Physical	4.996**	.541
Emotional	2.441*	1.540
Language and Mental	2.957**	2.518*
Total	3.352**	2.260*

* Significant at less than .05
** Significant at less than .01

TABLE 3

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR LANGUAGE

TABLE 3 (c) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	English (N = 325)	English - Bilingual (N = 137)
Language	2.740**	1.515
Social	3.293**	1.476
Mental	3.239**	1.207
Physical	2.308*	1.010
Emotional	2.686**	.759
Language and Mental	3.026**	1.465
Total	3.154**	1.409

TABLE 3 (d) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	English (N = 365)	English - Bilingual (N = 135)
Adjustment	1.932	.481
Performance	1.684	1.310
Creativity	2.514*	.991
Prediction	2.352*	1.577
Subtotal	2.219*	1.035
Total	2.275*	1.105

TABLE 3 (e) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	English (N = 359)	English - Bilingual (N = 140)
Otis I. Q.	2.657**	1.683

* Significant at less than .05
** Significant at less than .01

TABLE 3

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR LANGUAGE

TABLE 3 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	English (N = 370)	English - Bilingual (N = 141)
Word Knowledge	1.261	.898
Word Discrimination	1.810	.863
Reading	2.394*	1.154
Arithmetic	2.108*	2.014*

TABLE 3 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	English (N = 307)	English - Bilingual (N = 117)
Word Knowledge	1.894	.262
Word Discrimination	1.720	.104
Reading	1.566	.252
Spelling	1.768	- .430
Arithmetic A	3.394**	.253
Arithmetic B	2.383*	.332
Arithmetic A and B	3.457**	.288

* Significant at less than .05
** Significant at less than .01

TABLE 3

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR LANGUAGE

TABLE 3 (h) - METROPOLITAN ACHIEVEMENT TEST - V

Subsections of M. A. T.	English (N = 281)	English - Bilingual (N = 107)
Word Knowledge	1.691	1.945
Word Discrimination	2.312*	.902
Reading	2.062*	1.133
Spelling	1.817	.987
Language A	.400	2.800**
Language B	.949	.801
Language A and B	1.065	1.084
Arithmetic Comprehension	1.636	.052
Arithmetic Problem Solving	1.458	1.433

* Significant at less than .05
** Significant at less than .01

TABLE 4

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR LANGUAGE

TABLE 4 (a) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Subsections	English (N = 261)	English - Bilingual (N = 98)
Language	.070	-1.674
Social	1.120	- .114
Mental	.532	-2.464*
Physical	2.263*	-1.853
Emotional	.324	-1.824
Language and Mental	.325	-2.227*
Total	.718	-1.966

TABLE 4 (b) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	English (N = 274)	English - Bilingual (N = 73)
Language	1.798	- .853
Social	3.147**	.453
Mental	2.563*	- .706
Physical	1.324	- .170
Emotional	1.708	.263
Language and Mental	2.163*	- .820
Total	2.345*	- .397

* Significant at less than .05
** Significant at less than .01

TABLE 4

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR LANGUAGE

TABLE 4 (c) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	English (N = 286)	English - Bilingual (N = 65)
Adjustment	.670	1.014
Performance	1.096	- .677
Creativity	1.242	.671
Prediction	.423	- .273
Subtotal	1.111	.254
Total	1.063	.205

TABLE 4 (d) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	English (N = 297)	English - Bilingual (N = 72)
Otis I. Q.	.881	.281

* Significant at less than .05
** Significant at less than .01

TABLE 4

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR LANGUAGE

TABLE 4 (e) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	English (N = 332)	English - Bilingual (N = 89)
Word Knowledge	-2.891**	-1.214
Word Discrimination	-2.181*	- .096
Reading	-1.106	- .426
Arithmetic	- .708	-1.155

TABLE 4 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	English (N = 282)	English - Bilingual (N = 73)
Word Knowledge	-2.514*	- .352
Word Discrimination	-3.214**	.148
Reading	-2.294*	- .132
Spelling	-2.671**	.633
Arithmetic A	- .509	.422
Arithmetic B	.386	.911
Arithmetic A and B	- .297	.859

* Significant at less than .05
** Significant at less than .01

TABLE 4

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR LANGUAGE

TABLE 4 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	English (N = 256)	English - Bilingual (N = 57)
Word Knowledge	- .410	- .172
Word Discrimination	.260	- .852
Reading	.097	- .461
Spelling	-1.314	- .048
Language A	-1.300	- .771
Language B	- .600	-1.257
Language A and B	-1.273	-1.361
Arithmetic Comprehension	- .510	- .218
Arithmetic Problem Solving	- .129	- .813

* Significant at less than .05
** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (a) - RATING QUESTIONNAIRE - STAGE II

Questionnaire Subsections	Educational Categories LOW 0 (N = 26)	1 (N = 228)	2 (N = 186)	3 (N = 49)	HIGH 5 (N = 13)
Language	1.763	3.056**	2.426*	.168	.532
Social	.157	1.720	3.283**	.730	- .248
Mental	1.806	2.359*	2.589*	.658	- .069
Physical	1.619	4.856**	2.159*	- .546	- .836
Emotional	1.492	3.081**	1.707	.238	- .112
Language and Mental	1.927	2.769**	2.682**	.492	.160
Total	1.852	3.269**	2.857**	.390	- .054

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
5 - Completed University

* Significant at less than .05
** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (b) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Subsections	Educational Categories LOW 0 (N = 26)	1 (N = 219)	2 (N = 176)	3 (N = 45)	HIGH 5 (N = 7)
Language	2.311*	2.413*	1.826	- .036	.640
Social	1.438	2.113*	2.262*	.631	.168
Mental	2.665**	1.854	3.377**	- .363	- .133
Physical	.661	2.585*	3.218**	1.550	1.019
Emotional	.862	1.551	2.978**	.181	- .296
Language and Mental	2.625*	2.234*	2.825**	- .205	.169
Total	1.993	2.326*	3.172**	.203	.129

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
5 - Completed University

* Significant at less than .05
** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (c) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	Educational Categories LOW 0 (N = 25)	1 (N = 182)	2 (N = 176)	3 (N = 43)	HIGH 5 (N = 13)
Language	1.250	1.578	2.559*	1.261	1.668
Social	.456	1.984*	2.964**	1.221	1.803
Mental	2.095*	1.678	2.746**	1.373	.937
Physical	1.467	1.683	1.992*	1.274	.975
Emotional	.226	2.177*	1.437	1.975	.375
Language and Mental	1.627	1.669	2.728**	1.352	1.414
Total	1.294	1.931	2.699**	1.536	1.335

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
5 - Completed University

* Significant at less than .05
** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (d) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	Educational Categories LOW 0 (N = 25)	1 (N = 214)	2 (N = 173)	3 (N = 38)	HIGH 5 (N = 14)
Adjustment	- .375	1.058	1.462	.869	.667
Performance	.982	.619	1.650	1.245	1.073
Creativity	.726	1.097	1.210	1.959	1.124
Prediction	1.737	.404	2.529*	1.381	.586
Subtotal	.493	.968	1.659	1.398	1.059
Total	.615	.931	1.788	1.413	1.035

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
5 - Completed University

* Significant at less than .05
** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (e) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	Educational Categories LOW 0 (N = 24)	1 (N = 210)	2 (N = 179)	3 (N = 43)	HIGH 5 (N = 14)
Otis I. Q.	1.109	2.150*	1.654	2.007	- .361

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered High School
3 - Completed Secondary School
5 - Completed University

* Significant at less than .05
** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	Educational Categories LOW 0 (N = 25)	1 (N = 212)	2 (N = 181)	3 (N = 44)	HIGH 5 (N = 11)
Word Knowledge	.898	.573	2.189*	-1.127	1.555
Word Discrimination	1.414	1.254	3.037**	- .520	.844
Reading	.471	1.548	2.348*	.534	1.272
Arithmetic	1.500	1.532	2.097*	- .103	- .374

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
5 - Completed University

* Significant at less than .05
** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	Educational Categories LOW 0 (N = 21)	1 (N = 179)	2 (N = 151)	3 (N = 39)	HIGH 5 (N = 10)
Word Knowledge	.085	1.580	1.847	- .311	- .062
Word Discrimination	1.391	.813	1.969	- .906	.120
Reading	.853	.616	2.035*	- .478	0
Spelling	- .369	.820	2.600*	- .2.1	.392
Arithmetic A	.817	1.760	2.765**	.708	.052
Arithmetic B	.603	1.357	2.077*	.224	- .103
Arithmetic A and B	.837	1.573	3.067**	.845	- .016

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
5 - Completed University

* Significant at less than .05
** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (h) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	Educational Categories LOW 0 (N = 17)	1 (N = 163)	2 (N = 136)	3 (N = 32)	HIGH 5 (N = 13)
Word Knowledge	.761	1.491	2.206*	1.111	.447
Word Discrimination	0	2.086*	1.654	1.081	.817
Reading	.099	1.852	2.459*	.178	.543
Spelling	.794	1.773	2.413*	.302	- .185
Language A	2.206*	1.229	1.203	.138	- .147
Language B	2.129	1.377	.888	- .265	.670
Language A and B	2.310*	1.136	1.202	- .054	.459
Arithmetic Comprehension	1.120	.727	1.179	- .117	.639
Arithmetic Problem Solving	.077	1.860	1.938	- .366	.544

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
5 - Completed University

* Significant at less than .05
** Significant at less than .01

TABLE 6

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' EDUCATION

TABLE 6 (a) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Subsections	Educational Categories LOW 0 (N = 12)	1 (N = 185)	2 (N = 174)	3 (N = 63)	HIGH 5 (N = 22)
Language	- .933	-1.757	.706	- .347	.255
Social	-1.106	- .962	1.383	1.568	.631
Mental	- .882	-2.841**	1.537	- .656	1.029
Physical	- .868	- .868	1.350	1.058	1.056
Emotional	- .871	-2.087*	1.261	- .157	- .212
Language and Mental	- .937	-2.488*	1.190	- .538	.656
Total	-1.029	-2.203*	1.390	.022	.586

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
5 - Completed University

* Significant at less than .05
** Significant at less than .01

TABLE 6

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' EDUCATION

TABLE 6 (b) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	Educational Categories LOW 0 (N = 11)	1 (N = 135)	2 (N = 131)	3 (N = 49)	HIGH 5 (N = 25)
Language	- .326	- .583	.713	1.145	2.341*
Social	.359	1.517	1.120	1.357	2.676*
Mental	- .343	.260	1.047	.559	3.698**
Physical	.105	.623	.330	.805	.898
Emotional	- .083	1.356	.282	1.321	.302
Language and Mental	- .345	- .242	.865	.938	3.002**
Total	- .153	.438	.812	1.174	2.479*

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
5 - Completed University

* Significant at less than .05
** Significant at less than .01

TABLE 6

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' EDUCATION

TABLE 6 (c) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	Educational Categories LOW 0 (N = 12)	1 (N = 138)	2 (N = 127)	3 (N = 48)	HIGH 5 (N = 27)
Adjustment	3.742**	- .020	.240	.412	1.342
Performance	1.584	-1.632	1.059	.653	1.728
Creativity	1.558	.125	1.102	.754	.211
Prediction	2.017	-1.775	1.253	- .113	.464
Subtotal	2.507*	- .706	.893	.675	1.442
Total	2.484*	- .817	.940	.602	1.395

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
5 - Completed University

* Significant at less than .05
** Significant at less than .01

TABLE 6

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' EDUCATION

TABLE 6 (d) - INTELLIGENCE TEST - STAGE IV

	Educational Categories				
Intelligence Test	LOW 0 (N = 5)	1 (N = 131)	2 (N = 133)	3 (N = 53)	HIGH 5 (N = 24)
Otis I. Q.	.799	1.399	.547	- .560	.162

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
5 - Completed University

* Significant at less than .05
** Significant at less than .01

TABLE 6

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' EDUCATION

TABLE 6 (e) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	Educational Categories LOW 0 (N = 12)	1 (N = 168)	2 (N = 166)	3 (N = 58)	HIGH 5 (N = 24)
Word Knowledge	.575	-2.141*	-1.807	-2.445*	- .055
Word Discrimination	- .116	-1.609	-1.010	-1.139	- .824
Reading	-1.078	- .634	- .605	-1.410	.219
Arithmetic	.286	-1.933	.370	- .885	.067

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
5 - Completed University

* Significant at less than .05
** Significant at less than .01

TABLE 6

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' EDUCATION

TABLE 6 (r) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	Educational Categories LOW 0 (N = 10)	1 (N = 151)	2 (N = 125)	3 (N = 50)	HIGH 5 (N = 23)
Word Knowledge	.035	-2.180*	- .790	-1.369	- .043
Word Discrimination	.628	-1.891	-1.581	-2.262	- .172
Reading	.369	-1.852	- .793	-1.837	1.341
Spelling	.515	-1.517	-1.088	-2.097*	1.964
Arithmetic A	.875	-1.596	1.324	-1.392	1.742
Arithmetic B	.990	- .825	1.450	- .196	2.478*
Arithmetic A and B	1.146	-1.483	1.390	- .939	2.296*

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
5 - Completed University

* Significant at less than .05
** Significant at less than .01

TABLE 6

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' EDUCATION

TABLE 6 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	Educational Categories LOW 0 (N = 8)	1 (N = 121)	2 (N = 116)	3 (N = 46)	HIGH 5 (N = 24)
Word Knowledge	- .779	-1.404	.674	- .793	1.287
Word Discrimination	- .608	- .909	.976	- .677	.962
Reading	- .763	-1.634	1.187	- .306	1.003
Spelling	1.234	-2.408*	- .341	.125	.020
Language A	.187	-1.416	- .271	-1.157	.371
Language B	.950	-1.933	1.037	-1.625	- .370
Language A and B	.847	-2.208*	.437	-1.564	- .168
Arithmetic Comprehension	2.130	-1.937	- .064	- .370	1.536
Arithmetic Problem Solving	1.361	- .873	.047	-1.300	.978

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
5 - Completed University

* Significant at less than .05
** Significant at less than .01

TABLE 7

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (a) - RATING QUESTIONNAIRE - STAGE II

Questionnaire Subsections	Educational Categories LOW 0 (N = 34)	1 (N = 196)	2 (N = 218)	HIGH 3 (N = 61)
Language	1.333	2.174*	2.550*	1.461
Social	- .451	1.094	2.758**	2.735**
Mental	.162	1.643	2.475*	2.680**
Physical	0	4.271**	2.529*	1.732
Emotional	1.310	2.100*	1.355	3.449**
Language and Mental	.624	1.956	2.638**	2.340*
Total	.650	2.398*	2.738**	2.838**

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 7

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (b) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Subsections	Educational Categories LOW 0 (N = 35)	1 (N = 197)	2 (N = 201)	HIGH 3 (N = 56)
Language	- .078	1.606	3.151**	.511
Social	- .757	1.505	3.559**	.765
Mental	.107	1.190	4.057**	.631
Physical	-1.084	2.222*	4.956**	.599
Emotional	-1.035	1.122	3.581**	.653
Language and Mental	.025	1.483	3.890**	.590
Total	- .501	1.659	4.344**	.699

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 7

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (c) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	Educational Categories LOW 0 (N = 30)	1 (N = 172)	2 (N = 183)	HIGH 3 (N = 60)
Language	1.049	1.626	2.406*	1.623
Social	.844	1.567	3.238**	1.302
Mental	2.242*	1.532	2.891*	1.342
Physical	1.075	1.764	2.227*	.473
Emotional	.503	1.204	2.642**	1.236
Language and Mental	1.582	1.640	2.690**	1.574
Total	1.312	1.696	2.950**	1.445

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 7

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (d) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	Educational Categories			
	LOW 0 (N = 35)	1 (N = 179)	2 (N = 203)	HIGH 3 (N = 56)
Adjustment	- .558	.944	2.073*	1.039
Performance	- .247	.241	2.369*	1.550
Creativity	- .191	.427	1.908	2.133*
Prediction	.432	.521	2.178*	1.960
Subtotal	- .387	.588	2.329*	1.740
Total	- .310	.595	2.352*	1.780

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 7

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (e) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	Educational Categories LOW 0 (N = 31)	1 (N = 182)	2 (N = 201)	HIGH 3 (N = 62)
Otis I. Q.	- .242	1.899	2.653**	.582

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 7

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	Educational Categories LOW 0 (N = 27)	1 (N = 194)	2 (N = 199)	HIGH 3 (N = 61)
Word Knowledge	-1.305	1.119	.869	2.285*
Word Discrimination	.265	1.506	1.597	1.606
Reading	-1.519	1.629	1.922	2.541*
Arithmetic	-1.330	1.790	1.895	.440

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 7

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	Educational Categories LOW 0 (N = 26)	1 (N = 151)	2 (N = 172)	HIGH 3 (N = 56)
Word Knowledge	- .057	1.183	.939	1.790
Word Discrimination	.903	.919	.587	1.424
Reading	.855	.515	.645	1.577
Spelling	- .136	.944	1.050	1.819
Arithmetic A	.465	1.894	1.663	2.081*
Arithmetic B	- .202	1.395	1.334	2.032*
Arithmetic A and B	.247	1.909	1.836	2.382*

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 7

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (h) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	Educational Categories LOW 0 (N = 21)	1 (N = 136)	2 (N = 165)	HIGH 3 (N = 20)
Word Knowledge	1.895	.342	2.273*	.586
Word Discrimination	.971	.608	1.734	.488
Reading	.426	.258	2.604*	.217
Spelling	2.186*	.294	2.359**	- .373
Language A	1.314	- .157	2.006*	.160
Language B	.571	- .066	2.087*	- .318
Language A and B	.911	- .728	2.558*	- .126
Arithmetic Comprehension	.057	.215	3.027**	- .036
Arithmetic Problem Solving	- .319	.920	2.492*	- .177

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 8

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR MOTHERS' EDUCATION

TABLE 8 (a) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Subsections	Educational Categories LOW 0 (N = 18)	1 (N = 172)	2 (N = 187)	HIGH 3 (N = 75)
Language	- .515	- .144	- .782	.046
Social	-1.008	.017	.852	1.473
Mental	- .627	-1.095	- .313	,271
Physical	- .959	.340	.697	1.041
Emotional	-1.034	- .925	.042	.302
Language and Mental	- .609	- .717	- .578	.172
Total	- .864	- .589	- .107	.555

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 8

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR MOTHERS' EDUCATION

TABLE 8 (b) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	Educational Categories LOW 0 (N = 14)	1 (N = 119)	2 (N = 148)	HIGH 3 (N = 61)
Language	.225	- .166	.094	1.865
Social	1.010	.773	1.266	2.489*
Mental	.305	.637	.242	1.493
Physical	.442	.208	1.108	.419
Emotional	1.246	.558	.484	1.167
Language and Mental	.262	.157	.160	1.767
Total	.640	.347	.535	1.806

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 8

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR MOTHERS' EDUCATION

TABLE 8 (c) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	Educational Categories LOW 0 (N = 16)	1 (N = 121)	2 (N = 148)	HIGH 3 (N = 58)
Adjustment	2.657*	.367	.096	.462
Performance	1.403	-1.278	.626	1.349
Creativity	1.783	- .074	1.616	- .127
Prediction	1.861	- .483	- .374	.956
Subtotal	2.396*	- .446	.786	.788
Total	2.373*	- .456	.683	.817

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 8

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR MOTHERS' EDUCATION

TABLE 8 (d) - INTELLIGENCE TEST - STAGE IV

	Educational Categories			
Intelligence Test	LOW 0 (N = 6)	1 (N = 106)	2 (N = 161)	HIGH 3 (N = 62)
Otis I. Q.	1.496	.317	.532	0

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
NOTE: There is not Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 8

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR MOTHERS' EDUCATION

TABLE 8 (e) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	Educational Categories LOW 0 (N = 17)	1 (N = 156)	2 (N = 176)	HIGH 3 (N = 73)
Word Knowledge	1.139	-1.144	-3.027**	-1.417
Word Discrimination	.058	.241	-2.890**	-1.012
Reading	- .675	- .608	- .811	- .884
Arithmetic	.858	-1.539	-1.063	.577

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 8

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR MOTHERS' EDUCATION

TABLE 8 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	Educational Categories LOW 0 (N = 12)	1 (N = 127)	2 (N = 154)	HIGH 3 (N = 59)
Word Knowledge	.049	-1.410	-2.253*	- .076
Word Discrimination	.351	- .918	-3.170**	- .798
Reading	.424	-1.104	-2.575*	.439
Spelling	.686	- .786	-2.430*	- .760
Arithmetic A	1.616	-1.220	- .566	1.261
Arithmetic B	1.024	- .032	- .510	2.041
Arithmetic A and B	1.533	- .891	- .616	1.529

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 8

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR MOTHERS' EDUCATION

TABLE 8 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	Educational Categories LOW 0 (N = 9)	1 (N = 109)	2 (N = 137)	HIGH 3 (N = 52)
Word Knowledge	-1.500	.153	-1.145	.557
Word Discrimination	- .673	1.115	- .830	- .012
Reading	-1.156	-1.001	.379	.344
Spelling	.665	-1.020	-1.528	.423
Language A	- .030	- .560	-1.357	- .891
Language B	.531	-1.220	- .431	.035
Language A and B	.403	-1.416	- .964	- .506
Arithmetic Comprehension	2.159	-1.348	- .466	- .360
Arithmetic Problem Solving	1.410	- .166	- .639	- .718

CODE

0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (a) - RATING QUESTIONNAIRE - STAGE II

Questionnaire Subsections	Occupational Categories LOW 1 (N = 77)	2 (N = 194)	3 (N = 158)	4 (N = 90)	5 & 6 (N = 16)	HIGH 7 (N = 4)
Language	1.673	2.967**	2.122*	1.261	.703	-1.175
Social	.982	1.787	1.629	1.849	- .270	- .404
Mental	2.973**	1.956	2.202*	.737	.254	-1.762
Physical	2.886**	3.507**	1.731	2.135*	- .249	-4.856*
Emotional	3.900**	1.820	1.505	1.253	-1.236	-1.260
Language and Mental	2.598*	2.488*	2.311*	.992	.442	-1.665
Total	2.949**	2.693**	2.264*	1.472	.036	-1.686

CODE

1 - Unskilled Employees
2 - Semi-Skilled Employees
3 - Skilled Manual
4 - Clerical and Sales
5 & 6 - Administrative Personnel - Business Managers
7 - Higher Executives and Professionals

* Significant at less than .05
** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (b) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Subsections	Occupational Categories					
	LOW 1 (N = 74)	2 (N = 191)	3 (N = 152)	4 (N = 83)	5 & 6 (N = 13)	HIGH 7 (N = 2)
Language	1.268	2.067*	2.175*	- .198	1.841	-1.000
Social	1.487	1.747	2.157*	1.036	.220	1.000
Mental	1.722	1.652	2.445*	.922	.383	-1.000
Physical	.851	3.419**	1.459	1.982	.728	0
Emotional	1.053	1.256	2.330*	.691	.032	-5.000
Language and Mental	1.571	1.968	2.462*	.420	1.092	0
Total	1.506	2.197*	2.542*	.796	.693	-1.333

CODE

1 - Unskilled Employees
2 - Semi-Skilled Employees
3 - Skilled Manual
4 - Clerical and Sales
5 & 6 - Administrative Personnel - Business Managers
7 - Higher Executives and Professionals

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** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (c) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	Occupational Categories					
	LOW 1 (N = 62)	2 (N = 166)	3 (N = 145)	4 (N = 70)	5 & 6 (N = 17)	HIGH 7 (N = 5)
Language	1.316	.937	2.781**	1.111	.059	- .725
Social	1.124	.758	2.632**	2.419*	.250	.845
Mental	1.487	1.085	2.734**	1.633	- .189	- .386
Physical	1.404	.823	2.987**	- .347	0	- .343
Emotional	1.629	1.021	2.414*	.894	- .666	-1.372
Language and Mental	1.436	1.034	2.867**	1.332	- .038	- .588
Total	1.541	1.060	2.998**	1.305	- .114	- .494

CODE

1 - Unskilled Employees
2 - Semi-Skilled Employees
3 - Skilled Manual
4 - Clerical and Sales
5 & 6 - Administrative Personnel - Business Managers
7 - Higher Executives and Professionals

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** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (d) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	Occupational Categories					
	LOW 1 (N = 71)	2 (N = 185)	3 (N = 148)	4 (N = 78)	5 & 6 (N = 15)	HIGH 7 (N = 5)
Adjustment	1.000	- .050	1.950	1.062	- .046	- .492
Performance	1.641	.377	1.811	.622	.122	.206
Creativity	1.817	.739	1.003	2.150	- .842	1.425
Prediction	2.336*	.382	2.224*	.810	- .202	.784
Subtotal	1.633	.372	1.802	1.240	- .223	.800
Total	1.725	.380	1.883	1.220	- .224	.810

CODE

1 - Unskilled Employees
2 - Semi-Skilled Employees
3 - Skilled Manual
4 - Clerical and Sales
5 & 6 - Administrative Personnel - Business Managers
7 - Higher Executives and Professionals

* Significant at less than .05
** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (e) - INTELLIGENCE TEST - STAGE IV

	Occupational Categories					
	LOW					HIGH
Intelligence Test	1 (N = 67)	2 (N = 186)	3 (N = 150)	4 (N = 79)	5 & 6 (N = 18)	7 (N = 5)
Otis I. Q.	.776	1.920	2.126*	.904	1.586	- .865

CODE

1 - Unskilled Employees
2 - Semi-Skilled Employees
3 - Skilled Manual
4 - Clerical and Sales
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7 - Higher Executives and Professionals

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** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

	Occupational Categories					
Subsections of M. A. T.	LOW 1 (N = 74)	2 (N = 190)	3 (N = 151)	4 (N = 78)	5 & 6 (N = 17)	HIGH 7 (N = 3)
Word Knowledge	1.367	.091	.908	.774	.498	1.123
Word Discrimination	1.437	.948	1.266	.552	.742	- .640
Reading	1.532	1.867	1.211	.364	.999	2.500
Arithmetic	1.638	1.228	1.677	.735	.252	-1.286

CODE

1 - Unskilled Employees
2 - Semi-Skilled Employees
3 - Skilled Manual
4 - Clerical and Sales
5 & 6 - Administrative Personnel - Business Managers
7 - Higher Executives and Professionals

* Significant at less than .05
** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	Occupational Categories LOW 1 (N = 53)	2 (N = 162)	3 (N = 130)	4 (N = 65)	5 & 6 (N = 16)	HIGH 7 (N = 3)
Word Knowledge	1.423	.326	2.280*	.089	.186	- .537
Word Discrimination	.638	.505	1.651	.618	.138	- .106
Reading	.357	.644	1.534	.216	.592	-1.992
Spelling	- .488	1.076	.997	.814	.536	.397
Arithmetic A	.289	1.635	2.792**	1.265	.138	.189
Arithmetic B	- .235	1.214	2.378*	1.420	.015	-1.181
Arithmetic A and B	.068	1.663	3.081**	1.444	.098	-1.287

CODE

1 - Unskilled Employees
2 - Semi-Skilled Employees
3 - Skilled Manual
4 - Clerical and Sales
5 & 6 - Administrative Personnel - Business Managers
7 - Higher Executives and Professionals

* Significant at less than .05
** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (h) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	Occupational Categories					
	LOW 1 (N = 51)	2 (N = 142)	3 (N = 111)	4 (N = 66)	5 & 6 (N = 14)	HIGH 7 (N = 4)
Word Knowledge	2.254*	.907	1.735	.943	.162	- .586
Word Discrimination	1.210	.318	1.878	1.988	.171	.649
Reading	.993	.328	1.951	1.681	.694	- .857
Spelling	.475	.395	2.191*	1.924	- .574	1.321
Language A	1.577	- .550	1.173	2.513*	- .542	- .163
Language B	.094	.935	.216	1.345	- .065	- .046
Language A and B	.892	- .025	.733	1.988	- .159	- .184
Arithmetic Comprehension	.536	.424	.815	1.274	.321	-1.256
Arithmetic Problem Solving	1.936	- .212	1.372	1.361	.134	.187

CODE

1 - Unskilled Employees
2 - Semi-Skilled Employees
3 - Skilled Manual
4 - Clerical and Sales
5 & 6 - Administrative Personnel - Business Managers
7 - Higher Executives and Professionals

* Significant at less than .05
** Significant at less than .01

TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (a) - RATING QUESTIONNAIRE - STAGE III

Subsections of M. A. T.	Occupational Categories LOW 1 (N = 52)	2 (N = 138)	3 (N = 136)	4 (N = 99)	5 & 6 (N = 19)	HIGH 7 (N = 15)
Language	- .841	- .149	- .550	-1.082	1.379	.631
Social	- .594	.536	.206	.756	1.494	.453
Mental	-1.565	- .787	- .053	- .975	1.977	.981
Physical	-2.656*	.130	1.559	1.552	1.566	- .250
Emotional	-1.481	- .388	.639	-1.307	1.263	- .040
Language and Mental	-1.331	- .527	- .314	-1.090	1.750	.850
Total	-1.528	- .284	.176	- .641	1.831	.610

CODE

1 - Unskilled Employees
2 - Semi-Skilled Employees
3 - Skilled Manual
4 - Clerical and Sales
5 & 6 - Administrative Personnel - Business Managers
7 - Higher Executives and Professionals

* Significant at less than .05
** Significant at less than .01

TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (b) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	Occupational Categories LOW 1 (N = 37)	2 (N = 97)	3 (N = 107)	4 (N = 77)	5 & 6 (N = 19)	HIGH 7 (N = 16)
Language	.862	- .916	1.015	0	1.312	2.085
Social	1.205	.737	2.047*	.162	1.783	2.776*
Mental	.249	- .218	1.651	- .188	1.529	3.316**
Physical	1.780	-1.287	2.543*	- .962	.059	.645
Emotional	1.557	- .192	1.836	- .311	- .146	1.269
Language and Mental	.618	- .653	1.290	- .077	1.451	2.662*
Total	1.093	- .468	1.770	- .193	1.124	2.530*

CODE

1 - Unskilled Employees
2 - Semi-Skilled Employees
3 - Skilled Manual
4 - Clerical and Sales
5 & 6 - Administrative Personnel - Business Managers
7 - Higher Executives and Professionals

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** Significant at less than .01

TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (c) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	Occupational Categories LOW 1 (N = 32)	2 (N = 111)	3 (N = 103)	4 (N = 74)	5 & 6 (N = 16)	HIGH 7 (N = 18)
Adjustment	1.675	- .724	- .466	.928	1.865	1.758
Performance	- .262	- .018	- .619	.492	2.258*	1.971
Creativity	1.747	1.204	- .696	1.169	.242	.312
Prediction	.549	- .403	- .482	- .181	2.711*	.718
Subtotal	1.035	.051	- .628	.898	1.960	1.729
Total	1.002	.008	- .622	.803	2.075	1.666

CODE

1 - Unskilled Employees
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TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (d) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	Occupational Categories					
	LOW 1	2	3	4	5 & 6	HIGH 7
	(N = 42)	(N = 109)	(N = 117)	(N = 85)	(N = 18)	(N = 16)
Otis I. Q.	1.593	.988	.206	- .537	.579	.849

CODE

1 - Unskilled Employees
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TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (e) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	Occupational Categories LOW 1 (N = 45)	2 (N = 127)	3 (N = 131)	4 (N = 92)	5 & 6 (N = 18)	7 HIGH (N = 17)
Word Knowledge	.420	-3.558**	-1.081	-1.409	.617	- .587
Word Discrimination	.143	-2.344*	-1.043	- .595	.547	- .863
Reading	.566	-2.245*	- .430	- .072	.755	- .084
Arithmetic	- .162	-1.618	- .990	.569	.299	.221

CODE

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** Significant at less than .01

TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

	Occupational Categories					
Subsections of M. A. T.	LOW 1 (N = 41)	2 (N = 107)	3 (N = 108)	4 (N = 73)	5 & 6 (N = 17)	HIGH 7 (N = 14)
Word Knowledge	.126	-2.180*	- .535	-2.454*	1.153	- .740
Word Discrimination	- .468	-1.471	-1.792	-2.150*	.056	.362
Reading	- .035	-1.411	-1.366	-1.826	1.020	1.103
Spelling	- .503	-1.330	- .794	-2.519*	1.436	1.616
Arithmetic A	0	- .233	- .104	-1.381	1.642	.937
Arithmetic B	- .260	- .974	2.172*	- .582	1.515	1.266
Arithmetic A and B	.201	- .566	.590	-1.240	1.908*	1.143

CODE

1 - Unskilled Employees
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TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	Occupational Categories LOW 1 (N = 32)	2 (N = 96)	3 (N = 95)	4 (N = 63)	5 & 6 (N = 15)	HIGH 7 (N = 16)
Word Knowledge	-1.105	- .204	.007	-1.161	1.233	.960
Word Discrimination	- .188	- .144	.229	- .953	.825	1.039
Reading	-1.227	- .007	.345	-1.036	1.520	.623
Spelling	- .358	- .922	.031	-2.099*	.369	.449
Language A	-1.417	- .430	- .801	-1.160	- .438	1.249
Language B	- .776	- .075	-1.119	- .196	- .513	.198
Language A and B	-1.320	- .485	-1.193	- .815	- .505	.641
Arithmetic Comprehension	.392	.487	- .524	-2.642*	.750	1.219
Arithmetic Problem Solving	.236	.543	-1.203	-1.236	.766	1.024

CODE

1 - Unskilled Employees
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